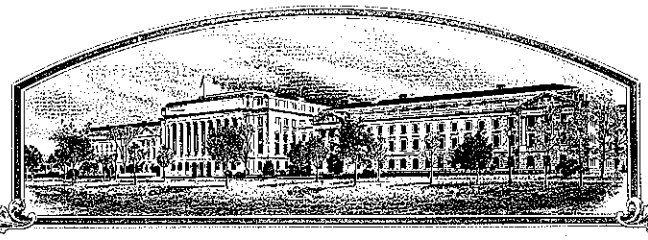
No. 9500245



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Pioneer Hi-Bred International, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED, PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR RTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE URPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT Y THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

WHEAT

'2691'

In Testimony Whereof, *I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this thirtieth day of April in the year of our Lord one thousand nine hundred and ninety-six.*

Attest:

Marsha A. Stanton
Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Dan Glickman
Secretary of Agriculture

REPRODUCE LOCALLY. *Include form number and date on all reproductions.*

FORM APPROVED - OMB NO. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE DIVISION - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a).

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) *(as it is to appear on the Certificate)*
Pioneer Hi-Bred International, Inc.

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER
WBC275A6

3. VARIETY NAME
2691

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*
Research and Product Development
Wheat Research
3850 N. 100 E.
Windfall, IN 46076

5. TELEPHONE *(include area code)*
(317) 945-7906

6. FAX *(include area code)*
(317) 945-8313

FOR OFFICIAL USE ONLY

PVPO NUMBER: 9500245

FILING DATE: April 20, 1995

FILING AND EXAMINATION FEE: $2325.00 & $125.00

FEES RECEIVED DATE: 04/20/95 & 04/27/95

CERTIFICATION FEE: $300.00

CERTIFICATION FEE RECEIVED DATE: April 2, 1996

7. GENUS AND SPECIES NAME
Triticum aestivum

8. FAMILY NAME *(Botanical)*
gramineae

9. CROP KIND NAME *(Common name)*
Wheat

10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION *(corporation, partnership, association, etc.) (Common name)*
Corporation

11. IF INCORPORATED, GIVE STATE OF INCORPORATION
Iowa

12. DATE OF INCORPORATION
May 1926

13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS
Dr. Gregory C. Marshall
Pioneer Hi-Bred International, Inc.
Wheat Research
3850 N. 100 E.
Windfall, IN 46076

14. TELEPHONE *(include area code)*
(317) 945-7906

15. FAX *(include area code)*
(317) 945-8313

16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED *(Follow instructions on reverse)*

a. ☑ Exhibit A. Origin and Breeding History of the Variety
b. ☑ Exhibit B. Statement of Distinctness
c. ☑ Exhibit C. Objective Description of the Variety
d. ☑ Exhibit D. Additional Description of the Variety
e. ☑ Exhibit E. Statement of the Basis of the Applicant's Ownership
f. ☑ Voucher Sample *(2,500 viable untreated seeds or, for tuber propagated varieties verification that tissue culture will be deposited and maintained in a public repository)*
g. ☑ Filing and Examination Fee ($2,450), made payable to "Treasurer of the United States" *(Mail to PVPO)*

17. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY, AS A CLASS OF CERTIFIED SEED? *(See Section 83(a) of the Plant Variety Protection Act)?*
☐ YES *(If "yes," answer items 18 and 19 below)* ☑ NO *(If "no," go to item 20)*

18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?
☐ YES ☐ NO

19. IF "YES" TO ITEM 18, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?
☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED

20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?
☐ YES *(If "yes," give names of countries and dates)* ☑ NO

21. The applicant(s) declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned applicant(s) is(are) the owner(s) of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Applicant(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF APPLICANT *(Owner(s))*		SIGNATURE OF APPLICANT *(Owner(s))*	
Gregory C. Marshall			
NAME *(Please print or type)*		NAME *(Please print or type)*	
Gregory C. Marshall			
CAPACITY OR TITLE: U.S. Soft Winter Wheat Coordinator	DATE: 7/26/95	CAPACITY OR TITLE	DATE: 1

SD-470 (04-86) *(Previous editions are to be destroyed)*

(See reverse for instructions and information collection burden statement)

16A. Exhibit A. Origin and Breeding History of Pioneer Wheat Cultivar 2691

Pioneer cultivar '2691', a soft red winter wheat (Triticum aestivum L., em Thell.), was developed by Pioneer Hi-Bred International, Inc.. Using a pedigree selection breeding method, 2691 was derived from the three parent cross: Pioneer line 'W9016A'/'2551'//'Hunter'. Pioneer line W9016A was derived from the cross: 'S77'/'Abe'. The detailed parentage of 2691 is: S77/Abe//2551/3/Hunter.

The single cross: W9016A/2551 (designated 'WBB805') was made in the 1982 spring greenhouse cycle at Windfall, IN. The final cross WBB805/Hunter was made in the 1982 fall greenhouse cycle and coded 'WBC275'. The subsequent breeding history of 2691 was as follows:

Year	Generation	
1982	Final Cross	Cross designated WBC275
1983	F1	Grown in spring transplant nursery at Windfall, IN.
1983-84	F2	Bulk populations grown at Huntsville, AL. Individual head selections made.
1984-85	F3	Headrows of F2 selections grown at St. Matthews, SC. Heads harvested from selected rows.
1985-86	F4	F3 selections grown in F4 headrows at St. Matthews, SC and Americus, GA.
1986-87	F5	F4 selections grown in F5 headrows at St. Matthews, SC and Estill, SC.
1987-88	F6	Selected F5 headrows were grown in F6 bulk yield test plots at St. Matthews, SC and Statesboro, GA.
1988-89	F7	Individual head selections from F6 yield plots grown in F7 headrows at St. Matthews, SC and Statesboro, GA.
1989-90	F8	Preliminary yield testing of F6 selections cut from F7 headrows at St. Matthews, SC and Statesboro, GA; one selection designated 'WBC275A6'.
1990-91	F9	Advanced yield testing of WBC275A6. 200 heads harvested.
1991-92	F10	Elite yield testing of WBC275A6. 200 purification headrows grown at St. Matthews, SC.

16A. Exhibit A. (con't.)

1992-93	F11	Elite yield testing of WBC275A6. 200 purification headrows and 63 progeny plots grown, surrounded by .13 acre bulk increase at St. Matthews, SC. Breeder seed turned over to Pioneer Parent Wheat Seed Production Location for further increase.
1993-94	F12	Elite yield testing continued, designated as 'YW631'. Pioneer Parent Wheat Seed Production continued increase.
1994-95	F13	Elite yield testing continued, designated as 'XW631'. Pioneer Parent Wheat Seed Production continued increase.

Decision to release WBC275A6 was made in August, 1995, at which time it was given the commercial code 2691.

The cultivar 2691 was bred and selected at each generation for any or all of the following characteristics: disease resistance, plant type, plant height, head type, straw strength, maturity, grain yield, test weight, and milling and baking qualities.

2691 has been observed to be uniform and stable since the eighth generation, or the last five generations. Variants may be slightly taller plants at a frequency of less than 1/45,000, awnless plants at a frequency of less than 1/45,000, and brown colored spikes at a frequency of 2/45,000.

16B. Exhibit B. Statement of Distinctness

2691 is most similar to the variety Hunter, but with the following distinguishing characteristics:

1) 2691 is awned whereas Hunter is awnleted.

2) The spike shape of 2691 is oblong whereas Hunter spikes are tapering.

3) The coleoptile color of 2691 is red while the coleoptile color of Hunter is white.

4) Anthocyanin is absent in the stems of 2691 while it is present in the stems of Hunter.

5) Anthocyanin is absent in the auricles of 2691 while it is present in the auricles of Hunter.

6) Hairiness is absent on the auricles of 2691 while it is present on the auricles of Hunter.

FORM APPROVED: OMB NO. 0581-0056

U. S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, MEAT, GRAIN AND SEED DIVISION
BELTSVILLE, MARYLAND 20705

EXHIBIT C
(Wheat)

OBJECTIVE DESCRIPTION OF VARIETY
WHEAT (*TRITICUM SPP.*)

INSTRUCTIONS: *See Reverse.*

NAME OF APPLICANT(S)
Pioneer Hi-Bred International, Inc.

ADDRESS (*Street and No. or R.F.D. No., City, State, and ZIP Code*)
Wheat Research
3850 N. 100 E.
Windfall, IN 46076

FOR OFFICIAL USE ONLY
PVPO NUMBER 9500245
VARIETY NAME OR TEMPORARY DESIGNATION 2691
WBC275A6 (temp. designation

Place the appropriate number that describes the varietal character of this variety in the boxes below.
Place a zero in first box (e.g. [0][8][9] or [0][9]) when number is either 99 or less or 9 or less.

1. KIND:
[1] 1 = COMMON 2 = DURUM 3 = EMMER 4 = SPELT 5 = POLISH 6 = POULARD 7 = CLUB

2. TYPE:
[2] 1 = SPRING 2 = WINTER 3 = OTHER (*Specify*) _____ [1] 1 = SOFT 2 = HARD 3 = OTHER (*Specify*) _____

[2] 1 = WHITE 2 = RED 3 = OTHER (*Specify*) _____

3. SEASON - NUMBER OF DAYS FROM EMERGENCE TO:
[1][3][0] FIRST FLOWERING [1][3][7] LAST FLOWERING

4. MATURITY (*50% Flowering*):
[1][1] NO. OF DAYS *EARLIER* THAN ..... [7] 1 = ARTHUR 2 = SCOUT 3 = CHRIS
[ ][ ] NO. OF DAYS *LATER* THAN ..... [ ] 4 = LEMHI 5 = NUGAINES 6 = LEEDS
7 = 2548

5. PLANT HEIGHT (*From soil level to top of head*):
[0][8][8] CM. HIGH
[ ][ ] CM. TALLER THAN ..... [ ]
[0][1] CM. SHORTER THAN ..... [7] 1 = ARTHUR 2 = SCOUT 3 = CHRIS 4 = LEMHI 5 = NUGAINES 6 = LEEDS
7 = 2548

6. PLANT COLOR AT BOOTING (*See reverse*):
[2] 1 = YELLOW GREEN 2 = GREEN 3 = BLUE GREEN

7. ANTHER COLOR:
[1] 1 = YELLOW 2 = PURPLE

8. STEM:
[1] Anthocyanin: 1 = ABSENT 2 = PRESENT
[2] Waxy bloom: 1 = ABSENT 2 = PRESENT
[1] Hairiness of last internode of rachis: 1 = ABSENT 2 = PRESENT
[1] Internodes: 1 = HOLLOW 2 = SOLID
[0][4] NO. OF NODES (*Originating from node above ground*)
[2][0] CM. INTERNODE LENGTH BETWEEN FLAG LEAF AND LEAF BELOW

9. AURICLES:
[1] Anthocyanin: 1 = ABSENT 2 = PRESENT
[1] Hairiness: 1 = ABSENT 2 = PRESENT

10. LEAF:
[2] Flag leaf at booting stage: 1 = ERECT 2 = RECURVED 3 = OTHER (*Specify*): _____
[2] Flag leaf: 1 = NOT TWISTED 2 = TWISTED
[1] Hairs of first leaf sheath: 1 = ABSENT 2 = PRESENT
[2] Waxy bloom of flag leaf sheath: 1 = ABSENT 2 = PRESENT
[1][2] MM. LEAF WIDTH (*First leaf below flag leaf*)
[2][3] CM. LEAF LENGTH (*First leaf below flag leaf*):

5

FORM LMGS 470-6 (6-82) (Formerly Form LPGS 470-6 (3-79), which may be used)

9500245

11. HEAD:

[3] Density: 1 = LAX 2 = DENSE 3 = Mid-Dense (BM) 1/11/96 [4] Shape: 1 = TAPERING 2 = STRAP 3 = CLAVATE 4 = OTHER (Specify) Oblong

[4] Awnedness: 1 = AWNLESS 2 = APICALLY AWNLETED 3 = AWNLETED 4 = AWNED

[1] Color at maturity: 1 = WHITE 2 = YELLOW 3 = PINK 4 = RED 5 = BROWN 6 = BLACK 7 = OTHER (Specify): _____

[0][9] CM. LENGTH [1][3] MM. WIDTH

12. GLUMES AT MATURITY:

[3] Length: 1 = SHORT (CA. 7 mm.) 2 = MEDIUM (CA. 8 mm.) 3 = LONG (CA. 9 mm.)

[3] Width: 1 = NARROW (CA. 3 mm.) 2 = MEDIUM (CA. 3.5 mm.) 3 = WIDE (CA. 4 mm.)

[1] Shoulder shape: 1 = WANTING 2 = OBLIQUE 3 = ROUNDED 4 = SQUARE 5 = ELEVATED 6 = APICULATE

[3] Beak: 1 = OBTUSE 2 = ACUTE 3 = ACUMINATE

13. COLEOPTILE COLOR:

[2] 1 = WHITE 2 = RED 3 = PURPLE

14. SEEDLING ANTHOCYANIN:

[2] 1 = ABSENT 2 = PRESENT

15. JUVENILE PLANT GROWTH HABIT:

[3] 1 = PROSTRATE 2 = SEMI-ERECT 3 = ERECT

16. SEED:

[1] Shape: 1 = OVATE 2 = OVAL 3 = ELLIPTICAL

[1] Cheek: 1 = ROUNDED 2 = ANGULAR

[2] Brush: 1 = SHORT 2 = MEDIUM 3 = LONG

[1] Brush: 1 = NOT COLLARED 2 = COLLARED

[4] Phenol reaction (See instructions): 1 = IVORY 2 = FAWN 3 = LT. BROWN 4 = BROWN 5 = BLACK

[3] Color: 1 = WHITE 2 = AMBER 3 = RED 4 = PURPLE 5 = OTHER (Specify) _____

[0][6] MM. LENGTH [0][4] MM. WIDTH [3][2] GM. PER 1000 SEEDS

17. SEED CREASE:

[2] Width: 1 = 60% OR LESS OF KERNEL 'WINOKA' 2 = 80% OR LESS OF KERNEL 'CHRIS' 3 = NEARLY AS WIDE AS KERNEL 'LEMHI'

[2] Depth: 1 = 20% OR LESS OF KERNEL 'SCOUT' 2 = 35% OR LESS OF KERNEL 'CHRIS' 3 = 50% OR LESS OF KERNEL 'LEMHI'

18. DISEASE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

[2] STEM RUST (Races) _____ [2] LEAF RUST (Races) _____ [0] STRIPE RUST (Races) _____ [0] LOOSE SMUT

[2] POWDERY MILDEW [0] BUNT [ ] OTHER (Specify) _____

19. INSECT: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

[0] SAWFLY [0] APHID (Bydv.) [0] GREEN BUG [0] CEREAL LEAF BEETLE

[ ] OTHER (Specify) _____ HESSIAN FLY RACES: [2] GP [0] A [0] B [0] C [0] D [2] E [0] F [0] G

20. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED:

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant tillering	Pioneer 2551	Seed size	Hunter
Leaf size	Hunter	Seed shape	Hunter
Leaf color	Pioneer 2566	Coleoptile elongation	
Leaf carriage	Hunter	Seedling pigmentation	Pioneer 2566

INSTRUCTIONS

GENERAL: The following publications may be used as a reference aid for the standardization of terms and procedures for completing this form:

(a) L.W. Briggle and L. P. Reitz, 1963, Classification of Triticum Species and Wheat Varieties Grown in the United States, Technical Bulletin 1278, United States Department of Agriculture.

(b) W.E. Walls, 1965, A Standardized Phenol Method for Testing Wheat Seeds for Varietal Purity, contribution No. 28 to the handbook of seed testing prepared by the Association of Official Seed Analysts. (See attachment.)

LEAF COLOR: Nickerson's or any recognized color fan should be used to determine the leaf color of the described variety.

6

16D. Exhibit D. Additional Description of the Variety.

1) Yield and agronomic data.

2691 has been wide-scale yield tested, using comparative research plots since the 1991 growing season. Testing has been conducted across the area of adaption, including locations in Virginia, North Carolina, South Carolina, Georgia, Kentucky, Missouri, Tennessee, and Arkansas (Table 1).

2) Information on reaction to major diseases.

Leaf rust - Moderately resistant to prevalent races in southeastern region of the United States.

Powdery Mildew - Moderately resistant to prevalent races in southeastern region of the United States.

Wheat Spindle Streak Mosaic Virus - Moderately resistant.

Leaf Blights - Moderately susceptible to the complex of the most common organisms that cause leaf blights; including Septoria tritici blotch, Septoria nodorum blotch, and tan spot.

3) Information on reaction to major insects.

Hessian fly - Resistant to the predominant biotypes of Hessian fly in the Southeast in field screens. Has screened resistant to biotypes E and GP in testing conducted at the Department of Entomology at Purdue University in cooperation with the USDA-ARS Insect and Weed Control Research Unit.

4) Information on milling and baking qualities.

2691 has demonstrated acceptable milling and baking qualities as compared to current predominant soft wheat varieties (Table 2).

Table 1. Varietal yield performance and agronomic characteristics as recorded in Pioneer Elite Yield Tests during the period 1992-1994.

Cultivar	Yield	Test weight	Height	Heading date	Lodge	Leaf rust	Powdery mildew	Leaf blight	SS MV	HF E	HF GP
	bu/ac	lbs/bu	cm	Jan. 1	1-9¶	1-9¶	1-9¶	1-9¶	1-9¶	1-9¶	1-9¶
Southeastern States:											
2691	**85.1**	**56.2**	**87.6**	**97.2**	**7.0**	**7.6**	**7.3**	**5.0**	**6.5**	**9.0**	**8.3**
2548	76.2	56.7	88.6	108.5	8.7	6.4	5.5	6.5	4.0	3.0	1.0
2566	82.4	56.6	92.2	107.7	7.7	7.7	6.1	6.0	5.0	9.0	9.0
2580	84.9	56.3	95.3	104.9	5.2	6.1	6.5	5.5	3.5	1.0	1.0
COK 9835	85.1	56.8	82.6	105.5	7.5	7.9	5.0	7.0	6.0	8.0	8.3
lsd (0.05)	4.3	0.5	3.6	1.4	1.4	0.8	0.5	1.4	1.6	2.2	.9
# loc	28	26	5	8	3	7	15	1	1	2	3
# years	3	3	3	3	2	3	3	1	1	2	3
Upper Delta Region:											
2691	**74.4**	**58.2**	**88.9**	**115.0**	–	–	–	–	–	–	–
2548	75.3	57.1	94.0	120.0	–	–	–	–	–	–	–
2566	70.7	57.1	94.0	121.0	–	–	–	–	–	–	–
2580	73.0	57.1	96.5	118.0	–	–	–	–	–	–	–
COK 9803	80.0	60.5	91.4	118.0	–	–	–	–	–	–	–
lsd (0.05)	10.3	1.3	–	–	–	–	–	–	–	–	–
# loc	2	3	1	1	–	–	–	–	–	–	–
# years	1	1	1	1	–	–	–	–	–	–	–

¶ scale 1 to 9, where 9 = excellent or resistant; 1 = poor or susceptible.

Southeastern State Locations: Charles City, VA; Suffolk, VA; Edenton, NC; Greenville, NC; Rowland, NC; Darlington, SC; Manning, SC; St. Matthews, SC; Orangeburg, SC; Statesboro, GA; Dublin, GA; Americus, GA.

Upper Delta Region Locations: Russellville, KY; Union City, TN; Harrisburg, AR.

Table 2. Soft wheat quality data 1992-1994 from the Pioneer Quality Lab, Johnston, Iowa.

VARIETY	FLR YLD	BFL YLD	FLR PRO	FLR WR	CK	TOP GRN	TGR AB	MILLING SCORE	BAKING SCORE
2691	**68.5**	**34.6**	**10.0**	**58.8**	**19.0**	**5.3**	**4.3**	**4**	**5**
#obs	9	9	9	9	6	6	6		
2548	69.1	34.0	9.1	58.5	18.3	4.0	6.5	5	4
#obs	9	9	9	9	6	6	6		
2566	70.0	34.2	9.4	56.1	18.9	5.2	5.7	6	6
#obs	9	9	9	9	6	6	6		
2580	69.6	32.8	8.9	55.9	18.6	5.3	6.5	4	6
#obs	9	9	9	9	6	6	6		
COK 9835	71.1	38.1	8.6	58.5	19.1	4.5	6.8	9	5
#obs	9	9	9	9	6	6	6		

Trait abbreviations used in the above table.

FLR YLD -- Flour yield (%)

BFL YLD -- Break flour yield (%)

FLR PRO -- Flour protein (%)

FLR WR -- Flour Alkaline Water Retention Capacity (%)

CK -- Cookie diameter (cm)

TOP GRN -- Top grain rating of cookie (1-9)
(1= poor , 9= excellent)

TGR AB -- Top grain abnormalities of cookie (1-9)
(1= narrow valleys, 9= wide valleys)

MILLING SCORE -- Rating which weights Flour yield 60% and Break flour yield 40% (1= poor, 9= excellent)

BAKING SCORE -- Rating which weights Cookie spread 60% and AWRC 40% (1= poor, 9= excellent)

16E. Exhibit E. Statement of the Basis of Applicant's Ownership

The variety, '2691', for which plant variety protection is sought, was developed by employees of Pioneer Hi-Bred International, Inc., Research and Product Development. By agreement between employees and Pioneer Hi-Bred International, Inc., all rights to any invention, discovery or development while an employee are assigned to Pioneer Hi-Bred International, Inc. with no rights retained by the employee.

Pioneer Hi-Bred International, Inc., Research and Product Development, believes it is the sole, original, and first breeder of the 2691 variety of soft red winter wheat for which it solicits a certification of protection.